

Abstract

Piezoelectric Ceramic Material, Multilayer Component,
and Method for Producing Said Ceramic Material

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The invention relates to a piezoelectric ceramic
material having the general composition ABO_3 with at least a
proportion of the PZT ceramic having a composition of the
invention with Cu cations. The proportion of Zr and Ti
10 cations is selected based upon the content of Cu cations,
such that the ceramic material is tailored to the
morphotropic phase boundary. The invention further
discloses a method for producing a ceramic material of this
type.

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